

R E M A R K S

Claims 21-37 are pending in the Application. Claims 1 through 20 are canceled by this Reply. Applicants respectfully submit that no new matter has been added by the amendment.

Remarks Concerning Rejections Under 35 U.S.C. § 102

On pages 2-3 of the August 2, 2004 Office Action, the Examiner rejected Claims 1-2, 6-10 and 15-20 as anticipated by U.S. Patent No. 5,239,613 to Motev ("Motev"). The Examiner opined that a user selection of a calculation interval and base resolution interval is "implied user selection" in Motev. Applicants respectfully submit that because Motev does not disclose either the calculation interval or base resolution interval actually being selected by the user, Motev does not disclose each and every element of the claims as originally filed. Consequently, Motev cannot anticipate Applicants' original claims.

Moreover, in light of the amendments made herein, Applicants submit that the Examiner's rejections under Motev are now rendered moot. Motev does not disclose the elements of new independent claims 22, 28 or 37. Motev also therefore does not disclose the elements of all of the new dependent claims as well.

Remarks Concerning Rejections Under 35 U.S.C. § 103

On pages 3-4 of the August 2, 2004 Office Action, the Examiner rejected Claims 3-5 and 12-14 as being unpatentable over Motev. As the Examiner noted on page 3, Motev does not disclose a frequency basis, frequency value or base resolution amount. The Examiner then concluded, without reference to any written publication, that it would have been obvious to combine the teachings of Motev with those elements of the original claims. Applicants respectfully submit that absent a reference that teaches or suggests all of the claim limitations, a *prima facie* case of obviousness has not been and cannot be established.

On page 4 of the August 2, 2004 Office Action, the Examiner rejected claim 11 as being unpatentable over Motev in view of U.S. Patent No. 6,388,690 to Kurachi ("Kurachi"). As the Examiner observed on page 4, Motev does not disclose initializing a selected portion of the plurality of lamps. Kurachi, however, does not disclose that element either. Moreover, neither

Application No. 10/603,018
Attorney Docket No. 1199 P 186
Response to Office Action of August 2, 2004
Page 6

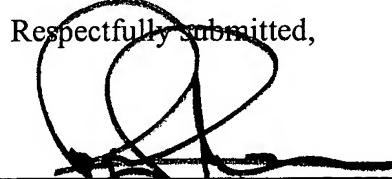
Motev nor Kurachi teach or suggest that it would be useful or advantageous to combine the elements of those two systems.

Moreover, in light of the amendments to the claims made herein, Applicants submit that the Examiner's rejections under § 103 have now been rendered moot. Neither Motev nor Kurachi (together or alone) discloses the elements of the newly submitted claims.

In view of the above, all pending claims are believed to be in condition for allowance; an action to this end is earnestly requested. If it would expedite the progress of this Application through the examination process, the Examiner is authorized to call the undersigned attorney.

A Petition for a Three Month Extension of Time within which to submit this Response is included.

The Examiner and Commissioner are hereby authorized to charge any fees or additional fees associated with this Response or refund any overpayments associated with this Response to our deposit account, Deposit Account No. 23-0280.

Dated: 2 FEBRUARY 2005 By: _____
Respectfully submitted,


Roger H. Stein, Reg. No. 31,882
Wallenstein Wagner & Rockey, Ltd.
311 South Wacker Drive, 53rd Floor
Chicago, Illinois 60606-6630
312.554.3300

CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service, with first class postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

on Feb. 3, 2005
Kathleen Rundquist
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